REMARKS/ARGUMENTS

The Office Action mailed December 23, 2005 has been reviewed and carefully considered. Claims 8-23 are pending in this application, with claims 8, 15, and 16 being the only independent claims. Reconsideration of the above-identified application, as herein amended and in view of the following remarks, is respectfully requested.

Claim Amendments

Independent claim 15 is amended to recite that the gateway is arranged "for receiving the converted mark-up language file from the content converter over the WAN". Independent claim 16 is amended to recite "sending the adjusted content from the content converter to the at least one gateway through the data network for forwarding to the particular mobile terminal". Support for these amendments is found on page 8, lines 4-8; and Fig. 3 of the specification.

Rejection of claims under 35 U.S.C. §103

Claims 8-23 stand rejected under 35 U.S.C. §103 as unpatentable over U.S. Patent No. 6,901,437 (Li) in view of WO 00/39666 (Carlino).

Independent claim 8 is drawn to an apparatus for providing data services to mobile devices and recites "a data store associated with the content converter for storing indications of the characteristics of each terminal device", "logic for adjusting content for the particular mobile terminal in the content converter according to the stored characteristics of the mobile terminal", and "sending means for routing the adjusted content through the data network to said at least one gateway for forwarding to said particular mobile terminal", the gateway being between the data network and a mobile telephone network.

The combined teachings of Li and Carlino fail to teach or suggest an apparatus with logic for converting information and sending means for routing the adjusted content through the data network, as recited in independent claim 8, because neither Li nor Carlino disclose that adjusted content is sent over the data network.

Li discloses a mobile cache for dynamically composing user-specific information. According to Li, a wireless device 102 couples to the mobile cache 100 via a mobile network 104 connected to a WAP proxy server 106 (see col. 2, lines 10-12, of Li). The WAP proxy server 106 is connected to the mobile cache 100 and directly to the Internet 108 wherein the Internet incudes HTML servers 110, WAP servers 112, and/or neighbor caches 114 (col. 2, lines 12-16). The mobile cache 100 includes a user profile database 118 storing one or more user profiles that contain output preference data specifying the content and layout of the fetched information to be delivered to the user via the wireless device (col. 2, lines 24-29).

When the mobile cache 100 of Li receives a request from the user, it first lookes in the user profile database 118 to obtain a user profile for the user making the request (col. 2, lines 29-33). The mobile cache 100 then looks for the requested information on an object database 116 (col. 2, lines 40-43). If the information is found there, the information is output to the user's wireless device according to the preferences in the user profile (col. 2, lines 43-51). If the information is not found in the object database 116, then the mobile cache 100 fetches the information from the Internet and stores it in the object database 116 (col. 2, lines 52-58). The information is then provided to the user according to the user preferences (col. 2, lines 58-61).

As acknowledged by the Examiner, Li fails to disclose "logic for adjusting content for the particular mobile terminal in the content converter according to the stored characteristics of

the mobile terminal", and "sending means for routing the adjusted content through the data network to said at least one gateway for forwarding to said particular mobile terminal".

Carlino fails to teach or suggest what Li lacks. Carlino discloses a method and system for converting content of electronic data for wireless services. According to Carlino, a content converter 16 is either an integral part of or connected directly to a wireless gateway 14, wherein the wireless gateway 14 is connected to both a computer network 20 and a wireless network (see page 14, line 19 to page 5, line 10; and Fig. 1 of Carlino). The content converter 16 of Carlino is connected to the wireless gateway for converting electronic documents to a format that is usable by the first wireless device 12 (see page 14, lines 7-9; and Fig. 1, of Carlino). In each of the embodiment disclosed by Carlino, the content converter 16 sends data to the wireless gateway 14 and receives data from the wireless gateway 14 (see Fig. 1; and page 14, lines 19-23 of Carlino). Since the content converter 16 of Carlino is either an integral part of or connected directly to the wireless gateway 14, Carlino fails to disclose, teach, or suggest "sending means for routing the adjusted content through the data network to said at least one gateway for forwarding to said particular mobile terminal", as expressly recited in independent claim 8.

It would not be obvious to arrange the content converter of Carlino or the mobile cache of Li so that they are connected via the data network to the gateway because Li teaches that it is desirable to minimize or reduce network bandwidth or traffic load in the data network, i.e., the Internet.

The Examiner states that the sending means recited in independent claim 8 is disclosed at page 33, lines 19-23 of Carlino. However, this portion of Carlino merely states that the converted content is sent via the mobile network. There is no disclosure teaching or suggestion that

the converted content is sent from the content converter 16 to the gateway 14 over the data network. Accordingly, independent claim 8 is allowable over Li in view of Carlino.

Independent claims 15 and 16 are also allowable over Li in view of Carlino because each of these claims now specifically requires that converted content is sent from the content converter to the gateway over the data network (WAN in claim 15). In contrast, both Li and Carlino disclose a content converter that is directly connected to the gateway or WAP proxy.
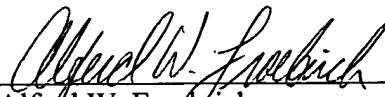
Dependent claims 9-14 and 17-23, each being dependent on one of independent claims 8, 15, and 16, are allowable for the same reasons expressed above with respect to independent claims 8, 15, and 16, as well as for the additional reasons contained therein.

In view of the above amendments and remarks, the application is now deemed to be in condition for allowance and notice to that effect is solicited.

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